(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 14 July 2005 (14.07.2005)

PCT

(10) International Publication Number WO 2005/063100 A1

(51) International Patent Classification7:

A47J 42/40

(21) International Application Number:

PCT/DK2004/000912

(22) International Filing Date:

22 December 2004 (22.12.2004)

(25) Filing Language:

Danish

(26) Publication Language:

English

(30) Priority Data: PA200301939

PA200401217

27 December 2003 (27.12.2003) DK 11 August 2004 (11.08.2004) DK

(71) Applicant and

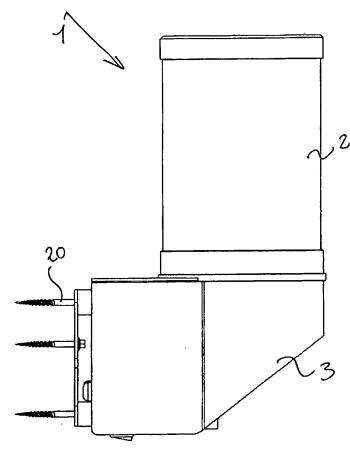
(72) Inventor: MALYKKE, Torben [DK/DK]; Bygaden 35, DK-2625 Vallensbæk (DK).

(74) Agent: AWAPATENT A/S; Teglholm Allé 13, DK-2450 Copenhagen SV (DK).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: AUTOMATIC DOSAGE UNIT



(57) Abstract: Automatic dosage unit (1) comprising storage unit (2), conic grinder driven by a motor, identification unit, funnel, fastener, and locking device, arranged to grind a programmed amount of a given product directly into a specific collection unit. E.g. in connection with the storage unit (2) being filled with coffee beans, a caffetier is inserted into the fastening mechanism, whereupon the dosage unit automatically registers the size of the caffetier and a pre-programmed amount of coffee is ground directly into the caffetier. The new in this invention is that it can identify the size of the collection unit, that the product is ground directly into the collection unit by means of a hollow drive shaft, that the storage unit is opened upon installation and closed upon de-installation, as well as that the collection unit is fastened by the dosage unit for the entire duration of the grinding process.

WO 2005/063100 A1



Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.